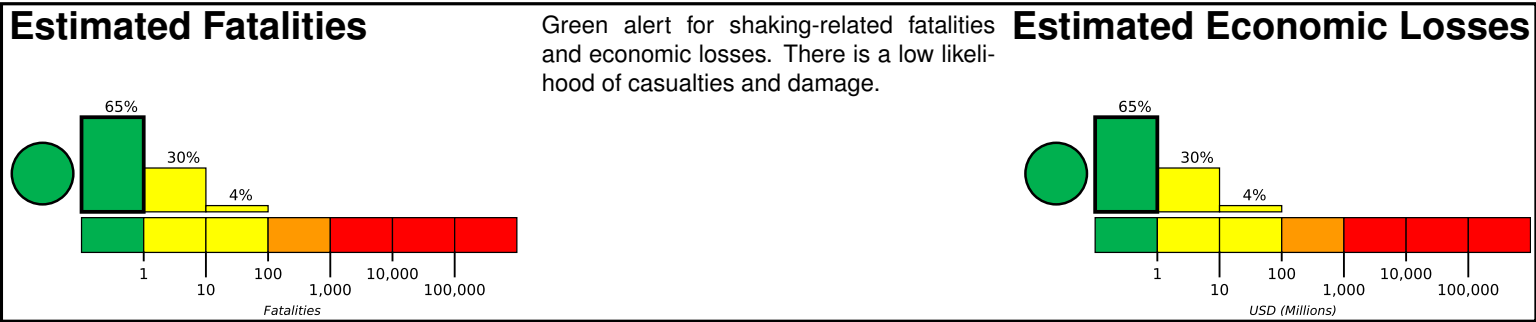


M 5.9, Banda Sea

Origin Time: 2021-04-03 18:42:01 UTC (Sun 03:42:01 local)
Location: 5.1256° S 128.1473° E Depth: 326.0 km

PAGER Version 5

Created: 5 days, 21 hours after earthquake

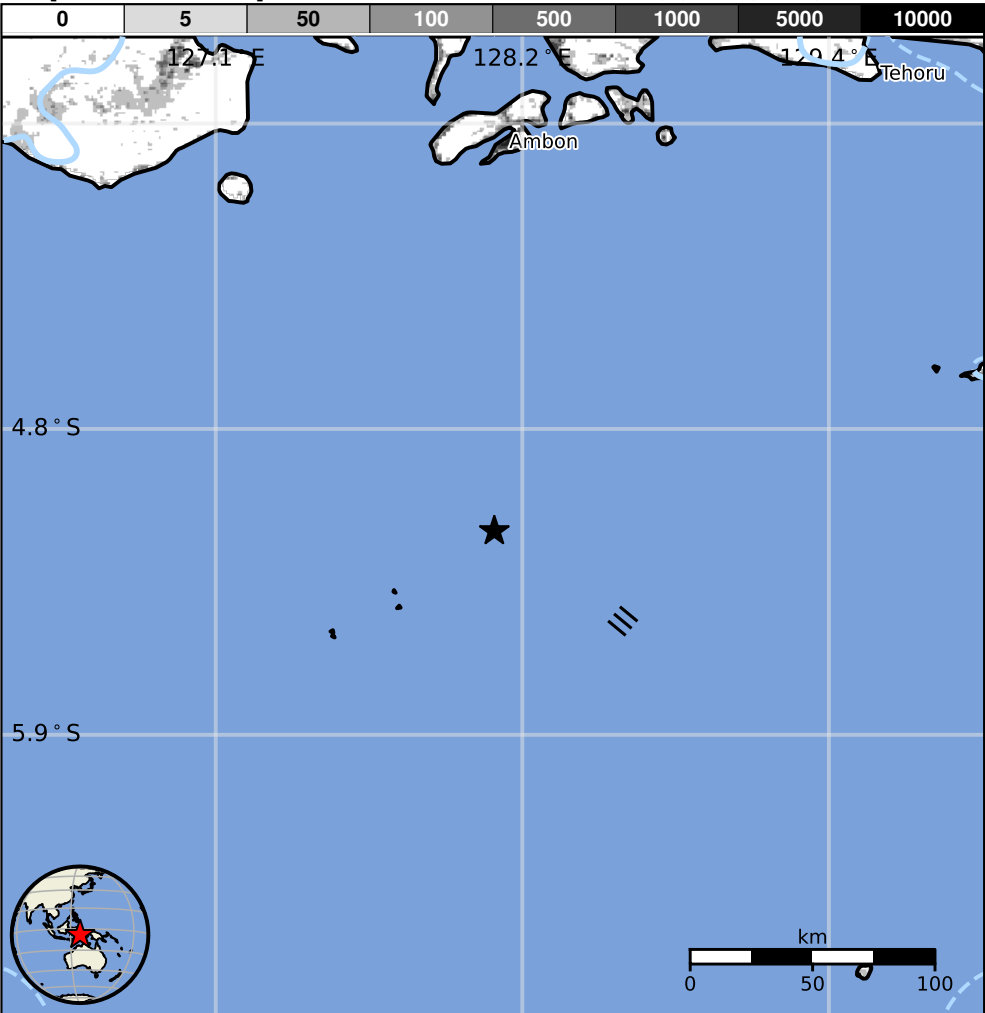


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=x1000) | | —* | 701k | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------------|----------|--------|-------|----------|----------|-------------|------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1974-03-06 | 171 | 6.3 | IV(521k) | — |
| 1989-01-10 | 341 | 6.6 | IX(10k) | — |
| 2006-03-14 | 200 | 6.7 | VIII(15k) | 0 |

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

| MMI | City | Population |
|-----|---------------|---------------|
| III | Ambon | 356k |
| III | Saparua | <1k |
| III | Pelau | <1k |
| III | Passo | <1k |
| III | Hila | <1k |
| III | Tulehu | <1k |
| III | Kairatu | <1k |
| III | Amahai | 48k |
| III | Namrole | <1k |
| III | Amahusu | <1k |
| III | Tehoru | <1k |